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Sequence Listing

<110> Genentech, Inc.
Ashkenazi, Avi J.
Fong, Sherman
Goddard, Audrey
Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.

<120> COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS

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<141> 1999-03-05

<150> PCT/US98/24855
<151> 1998-11-20

<150> US 60/066,364
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<151> 1998-03-20

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<151> 1998-09-17

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<213> Homo sapiens

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	20					25							30	
Gly	Phe	Ser	Ser	Pro	Arg	Val	Glu	Trp	Lys	Phe	Asp	Gln	Gly	Asp
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Thr	Thr	Arg	Leu	Val	Cys	Tyr	Asn	Asn	Lys	Ile	Thr	Ala	Ser	Tyr
	50						55						60	
Glu	Asp	Arg	Val	Thr	Phe	Leu	Pro	Thr	Gly	Ile	Thr	Phe	Lys	Ser
	65					70							75	
Val	Thr	Arg	Glu	Asp	Thr	Gly	Thr	Tyr	Thr	Cys	Met	Val	Ser	Glu
	80						85						90	
Glu	Gly	Gly	Asn	Ser	Tyr	Gly	Glu	Val	Lys	Val	Lys	Leu	Ile	Val
	95							100					105	
Leu	Val	Pro	Pro	Ser	Lys	Pro	Thr	Val	Asn	Ile	Pro	Ser	Ser	Ala
	110							115					120	
Thr	Ile	Gly	Asn	Arg	Ala	Val	Leu	Thr	Cys	Ser	Glu	Gln	Asp	Gly
	125							130					135	
Ser	Pro	Pro	Ser	Glu	Tyr	Thr	Trp	Phe	Lys	Asp	Gly	Ile	Val	Met
	140							145					150	
Pro	Thr	Asn	Pro	Lys	Ser	Thr	Arg	Ala	Phe	Ser	Asn	Ser	Ser	Tyr
	155							160					165	
Val	Leu	Asn	Pro	Thr	Thr	Gly	Glu	Leu	Val	Phe	Asp	Pro	Leu	Ser
	170							175					180	
Ala	Ser	Asp	Thr	Gly	Glu	Tyr	Ser	Cys	Glu	Ala	Arg	Asn	Gly	Tyr
	185							190					195	
Gly	Thr	Pro	Met	Thr	Ser	Asn	Ala	Val	Arg	Met	Glu	Ala	Val	Glu
	200							205					210	
Arg	Asn	Val	Gly	Val	Ile	Val	Ala	Ala	Val	Leu	Val	Thr	Leu	Ile
	215							220					225	
Leu	Leu	Gly	Ile	Leu	Val	Phe	Gly	Ile	Trp	Phe	Ala	Tyr	Ser	Arg
	230							235					240	
Gly	His	Phe	Asp	Arg	Thr	Lys	Lys	Gly	Thr	Ser	Ser	Lys	Lys	Val
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Ile	Tyr	Ser	Gln	Pro										
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<211> 270

<212> PRT

<213> Homo sapiens

<400> 24

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	20							25					30	
Tyr	His	Thr	Ser	Thr	Ser	Ser	Arg	Glu	Gly	Leu	Ile	Gln	Trp	Asp
	35							40					45	
Lys	Leu	Leu	Leu	Thr	His	Thr	Glu	Arg	Val	Val	Ile	Trp	Pro	Phe
	50							55					60	
Ser	Asn	Lys	Asn	Tyr	Ile	His	Gly	Glu	Leu	Tyr	Lys	Asn	Arg	Val
	65							70					75	
Ser	Ile	Ser	Asn	Asn	Ala	Glu	Gln	Ser	Asp	Ala	Ser	Ile	Thr	Ile
	80							85					90	
Asp	Gln	Leu	Thr	Met	Ala	Asp	Asn	Gly	Thr	Tyr	Glu	Cys	Ser	Val
	95							100					105	
Ser	Leu	Met	Ser	Asp	Leu	Glu	Gly	Asn	Thr	Lys	Ser	Arg	Val	Arg
	110							115					120	
Leu	Leu	Val	Leu	Val	Pro	Pro	Ser	Lys	Pro	Glu	Cys	Gly	Ile	Glu
	125							130					135	
Gly	Glu	Thr	Ile	Ile	Gly	Asn	Asn	Ile	Gln	Leu	Thr	Cys	Gln	Ser
	140							145					150	
Lys	Glu	Gly	Ser	Pro	Thr	Pro	Gln	Tyr	Ser	Trp	Lys	Arg	Tyr	Asn
	155							160					165	
Ile	Leu	Asn	Gln	Glu	Gln	Pro	Leu	Ala	Gln	Pro	Ala	Ser	Gly	Gln
	170							175					180	
Pro	Val	Ser	Leu	Lys	Asn	Ile	Ser	Thr	Asp	Thr	Ser	Gly	Tyr	Tyr
	185							190					195	
Ile	Cys	Thr	Ser	Ser	Asn	Glu	Gly	Thr	Gln	Phe	Cys	Asn	Ile	
	200							205					210	
Thr	Val	Ala	Val	Arg	Ser	Pro	Ser	Met	Asn	Val	Ala	Leu	Tyr	Val
	215							220					225	
Gly	Ile	Ala	Val	Gly	Val	Val	Ala	Ala	Leu	Ile	Ile	Ile	Gly	Ile
	230							235					240	
Ile	Ile	Tyr	Cys	Cys	Cys	Cys	Arg	Gly	Lys	Asp	Asp	Asn	Thr	Glu
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 Ala Tyr Ser Gly Phe Ser Ser Pro Arg Val Glu Trp Lys Phe Asp
 35 40 45
 Gln Gly Asp Thr Thr Arg Leu Val Cys Tyr Asn Asn Lys Ile Thr
 50 55 60
 Ala Ser Tyr Glu Asp Arg Val Thr Phe Leu Pro Thr Gly Ile Thr
 65 70 75
 Phe Lys Ser Val Thr Arg Glu Asp Thr Gly Thr Tyr Thr Cys Met
 80 85 90
 Val Ser Glu Glu Gly Gly Asn Ser Tyr Gly Glu Val Lys Val Lys
 95 100 105
 Leu Ile Val Leu Val Pro Pro Ser Lys Pro Thr Val Asn Ile Pro
 110 115 120
 Ser Ser Ala Thr Ile Gly Asn Arg Ala Val Leu Thr Cys Ser Glu
 125 130 135
 Gln Asp Gly Ser Pro Pro Ser Glu Tyr Thr Trp Phe Lys Asp Gly
 140 145 150
 Ile Val Met Pro Thr Asn Pro Lys Ser Thr Arg Ala Phe Ser Asn
 155 160 165
 Ser Ser Tyr Val Leu Asn Pro Thr Thr Gly Glu Leu Val Phe Asp
 170 175 180
 Pro Leu Ser Ala Ser Asp Thr Gly Glu Tyr Ser Cys Glu Ala Arg
 185 190 195
 Asn Gly Tyr Gly Thr Pro Met Thr Ser Asn Ala Val Arg Met Glu
 200 205 210
 Ala Val Glu Arg Asn Val Gly Val Ile Val Ala Ala Val Leu Val
 215 220 225
 Thr Leu Ile Leu Leu Gly Ile Leu Val Phe Gly Ile Trp Phe Ala
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 Tyr Ser Arg Gly His Phe Asp Arg Thr Lys Lys Gly Thr Ser Ser
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 Lys Lys Val Ile Tyr Ser Gln Pro
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Pro Cys Thr Tyr His Thr Ser Thr Ser Ser Arg Glu Gly Leu Ile
 35 40 45
 Gln Trp Asp Lys Leu Leu Leu Thr His Thr Glu Arg Val Val Ile
 50 55 60
 Trp Pro Phe Ser Asn Lys Asn Tyr Ile His Gly Glu Leu Tyr Lys
 65 70 75
 Asn Arg Val Ser Ile Ser Asn Asn Ala Glu Gln Ser Asp Ala Ser
 80 85 90
 Ile Thr Ile Asp Gln Leu Thr Met Ala Asp Asn Gly Thr Tyr Glu
 95 100 105
 Cys Ser Val Ser Leu Met Ser Asp Leu Glu Gly Asn Thr Lys Ser
 110 115 120
 Arg Val Arg Leu Leu Val Leu Val Pro Pro Ser Lys Pro Glu Cys
 125 130 135
 Gly Ile Glu Gly Glu Thr Ile Ile Gly Asn Asn Ile Gln Leu Thr
 140 145 150
 Cys Gln Ser Lys Glu Gly Ser Pro Thr Pro Gln Tyr Ser Trp Lys
 155 160 165
 Arg Tyr Asn Ile Leu Asn Gln Glu Gln Pro Leu Ala Gln Pro Ala
 170 175 180
 Ser Gly Gln Pro Val Ser Leu Lys Asn Ile Ser Thr Asp Thr Ser
 185 190 195
 Gly Tyr Tyr Ile Cys Thr Ser Ser Asn Glu Glu Gly Thr Gln Phe
 200 205 210
 Cys Asn Ile Thr Val Ala Val Arg Ser Pro Ser Met Asn Val Ala
 215 220 225
 Leu Tyr Val Gly Ile Ala Val Gly Val Val Ala Ala Leu Ile Ile
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 Asn Thr Glu Asp Lys Glu Asp Ala Arg Pro Asn Arg Glu Ala Tyr
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Glu Glu Pro

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tggaactgtg gtagagctac gatgtcaaga caaagaaggg aatccagctc 200
ctgaatacac atggtttaag gatggcatcc gtttgctaga aaatcccaga 250
cttggctccc aaagcaccaa cagctcatac acaatgaata caaaaactgg 300
aactctgcaa tttaatactg tttccaaact ggacactgga gaatattcct 350
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gcaagttagat gat 413

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<400> 28
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